

GDF-8

DNA SEQUENCE

GATTTTGGCCTTGACTGCGACGAGCACTCAACGGAATCTCGATGTTGTCGCTA  
CCCGCTGACAGTGGATTTTGAAGCTTTTGGATGGGACTGGATTATAGCACCTA  
AAAGATACAAAGCCAATTACTGCTCTGGAGAATGTGAATTCGTATTTCTACA  
GAAATACCCGCACACTCACCTGGTACACCAAGCAAATCCAAGAGGCTCAGCA  
GGCCCTTGCTGCACACCCACCAAGATGTCCCCTATAAACATGCTGTATTTCAA  
TGGAAGAAGAACAAATAATATATGGAAAGATACCAGCCATGGTTGTAGATCGT  
TGCGGGTGCTCATGAGAC

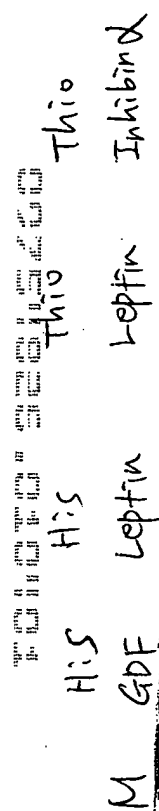
SEQ ID NO: 4

PROTEIN SEQUENCE

DFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGECEVFLQK  
YPHTHLVHQANPRGSAGPCCTPTLMSPINMLYFNGKEQIIYGKIPAMVVDRCGCS

SEQ ID NO: 2

Fig 1



↓  
Δ  
π

30K 7

20K →

$$14K \rightarrow$$

Fig 2

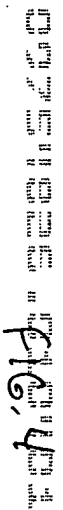
MRGAAHHHHHGGSDFGLDXDEHSTESBXXRY

# Whole Live Turkeys (Immunized vs Control)

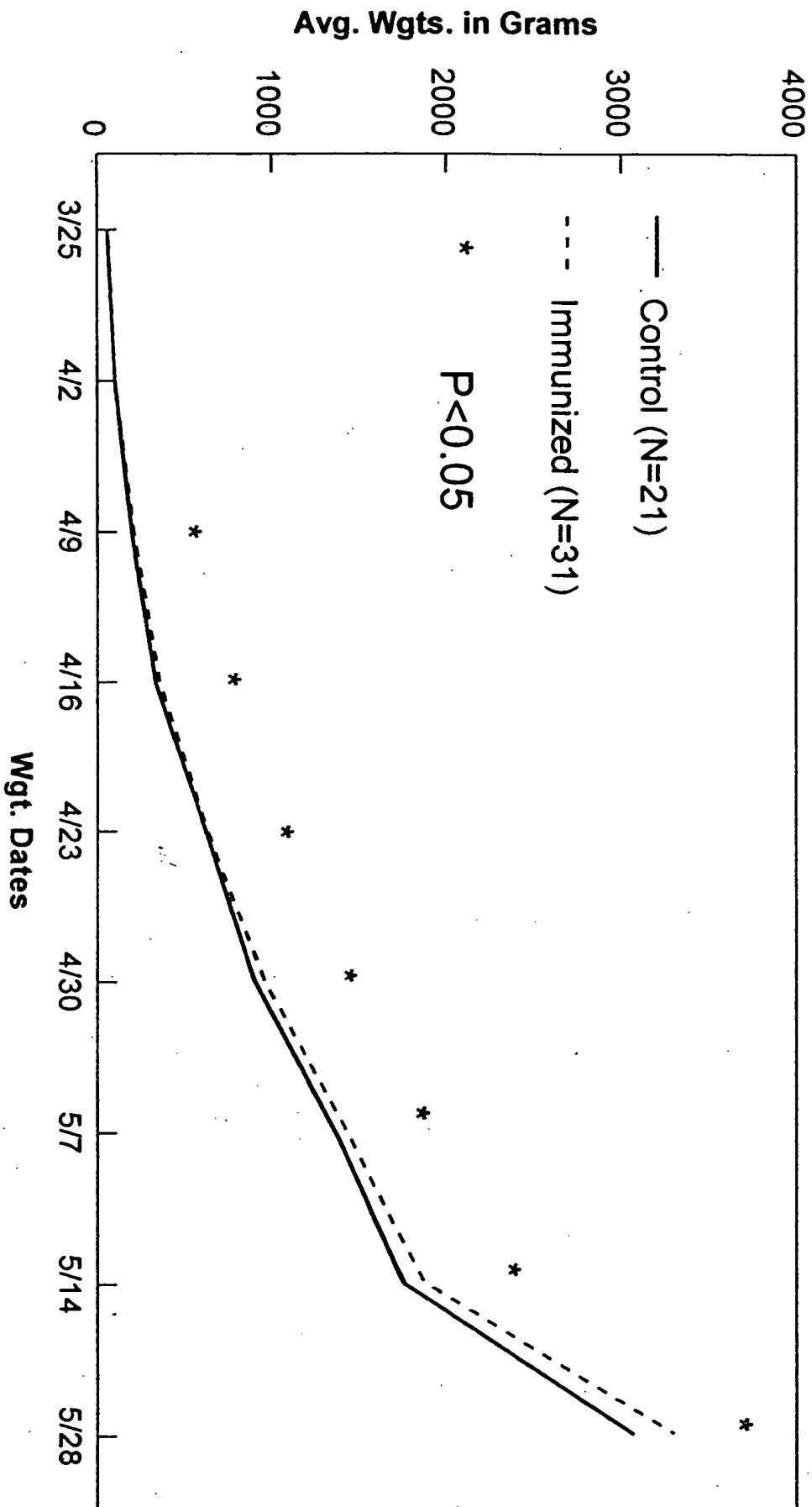


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**Wgt. Dates**



# Growth Curve : Female (Immunized vs Control)



# Body Weight

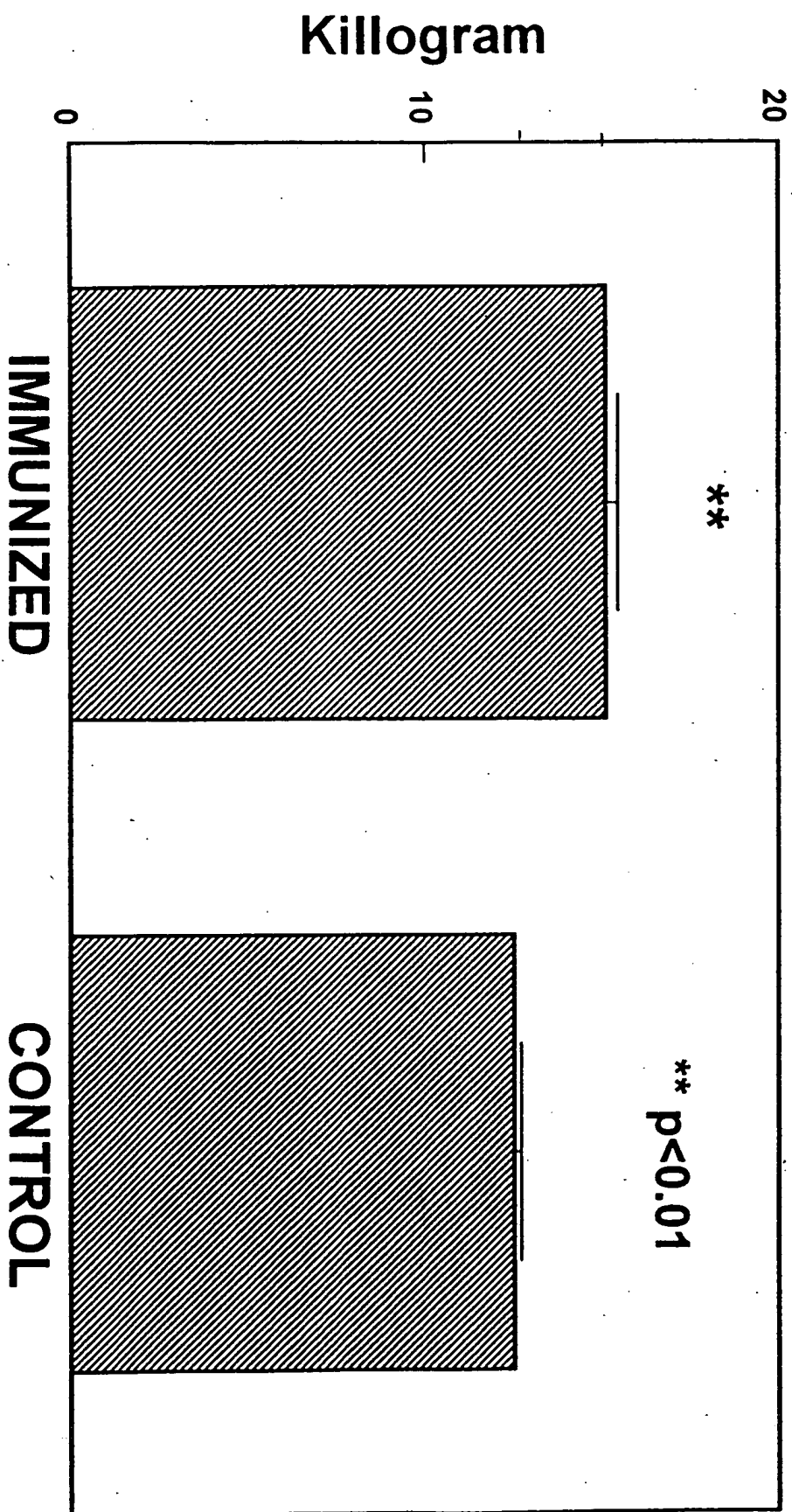


Figure 7 shows the breast muscle weight in grams for the immunized and control groups. The immunized group shows a significantly higher weight (approximately 3.2 grams) compared to the control group (approximately 2.5 grams). The difference is statistically significant (p < 0.01).

# Breast Muscle Weight

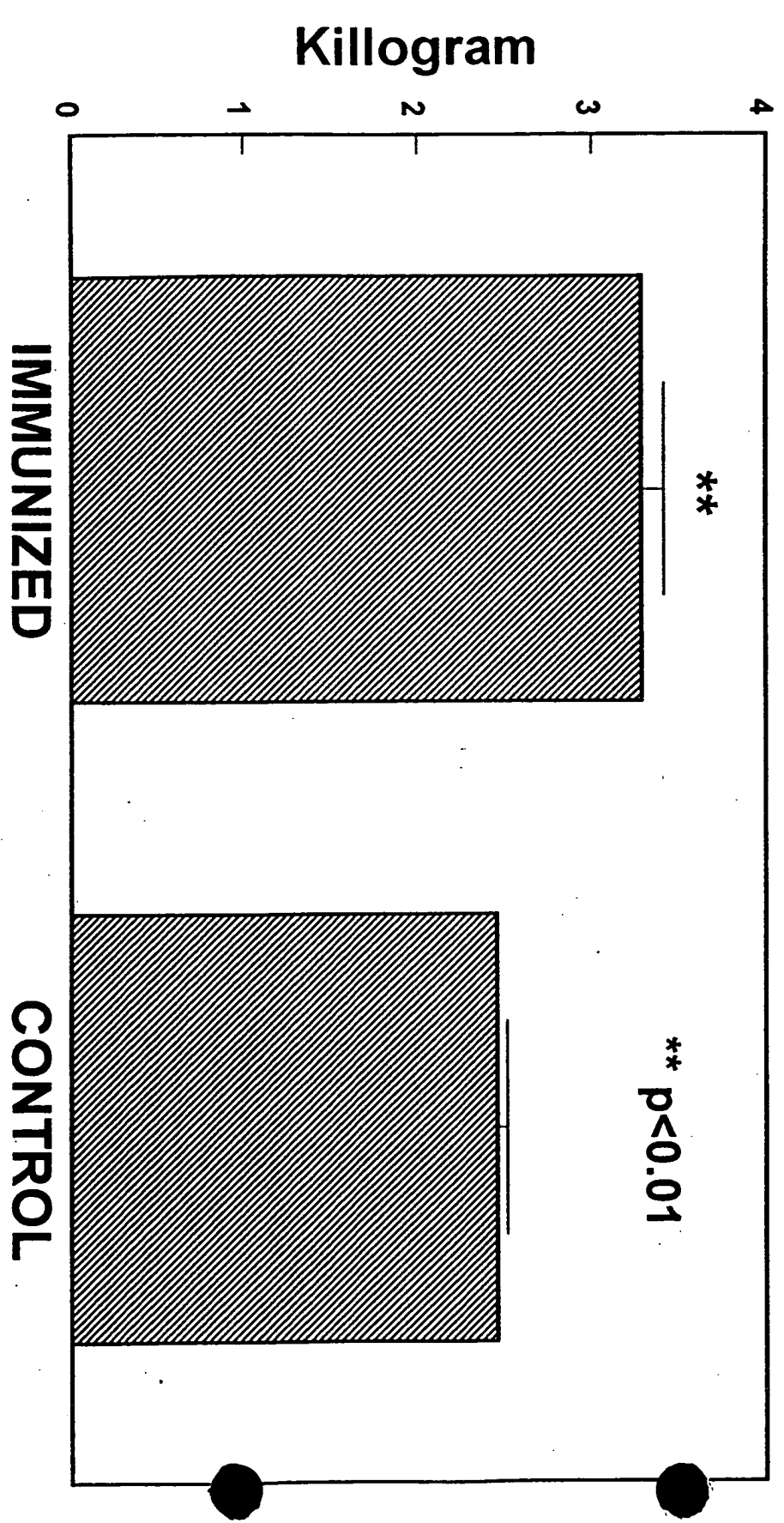


FIG. 7

# Thigh Muscle Weight

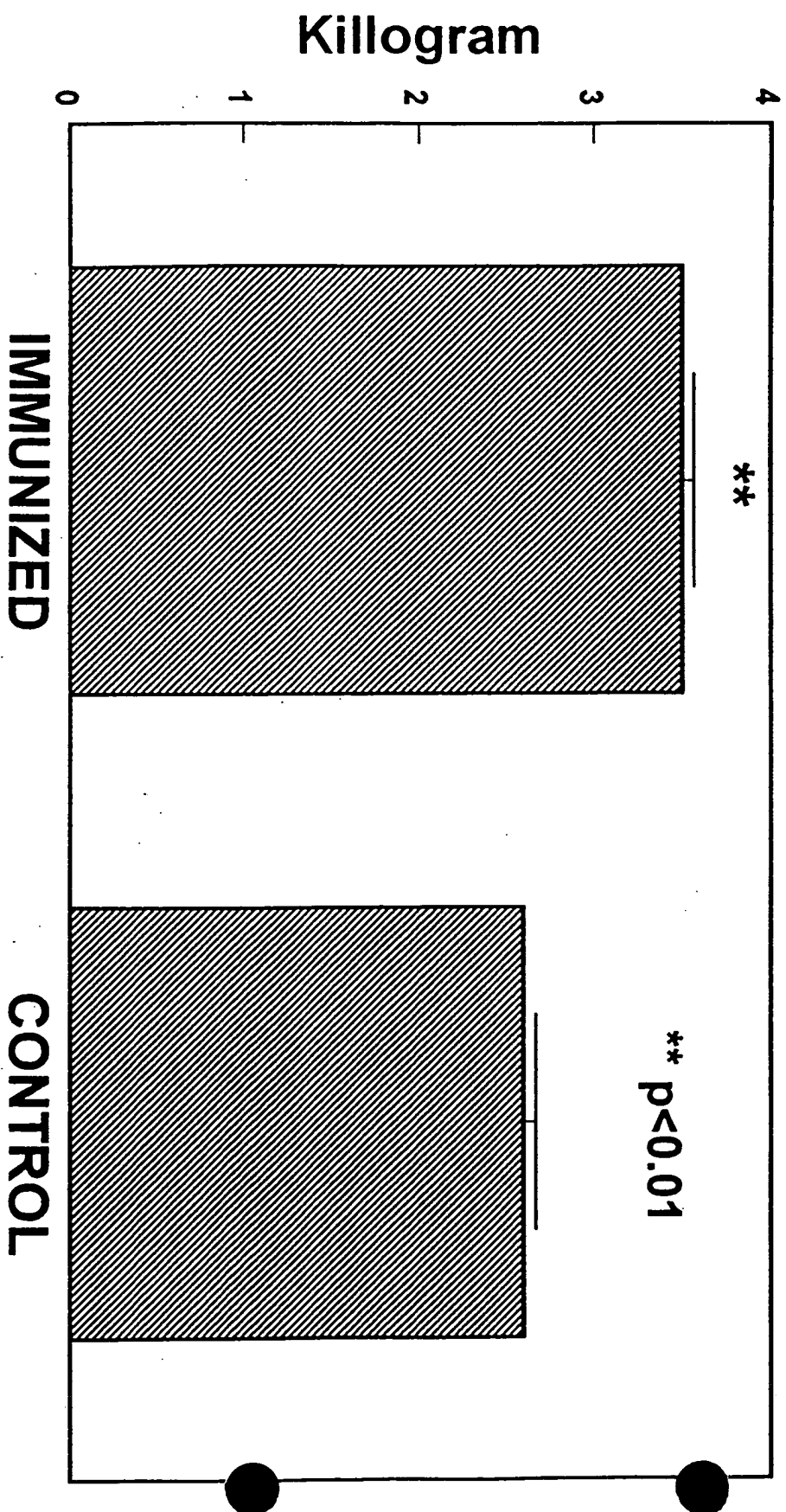


FIG. 8



# Breast Bone Weight

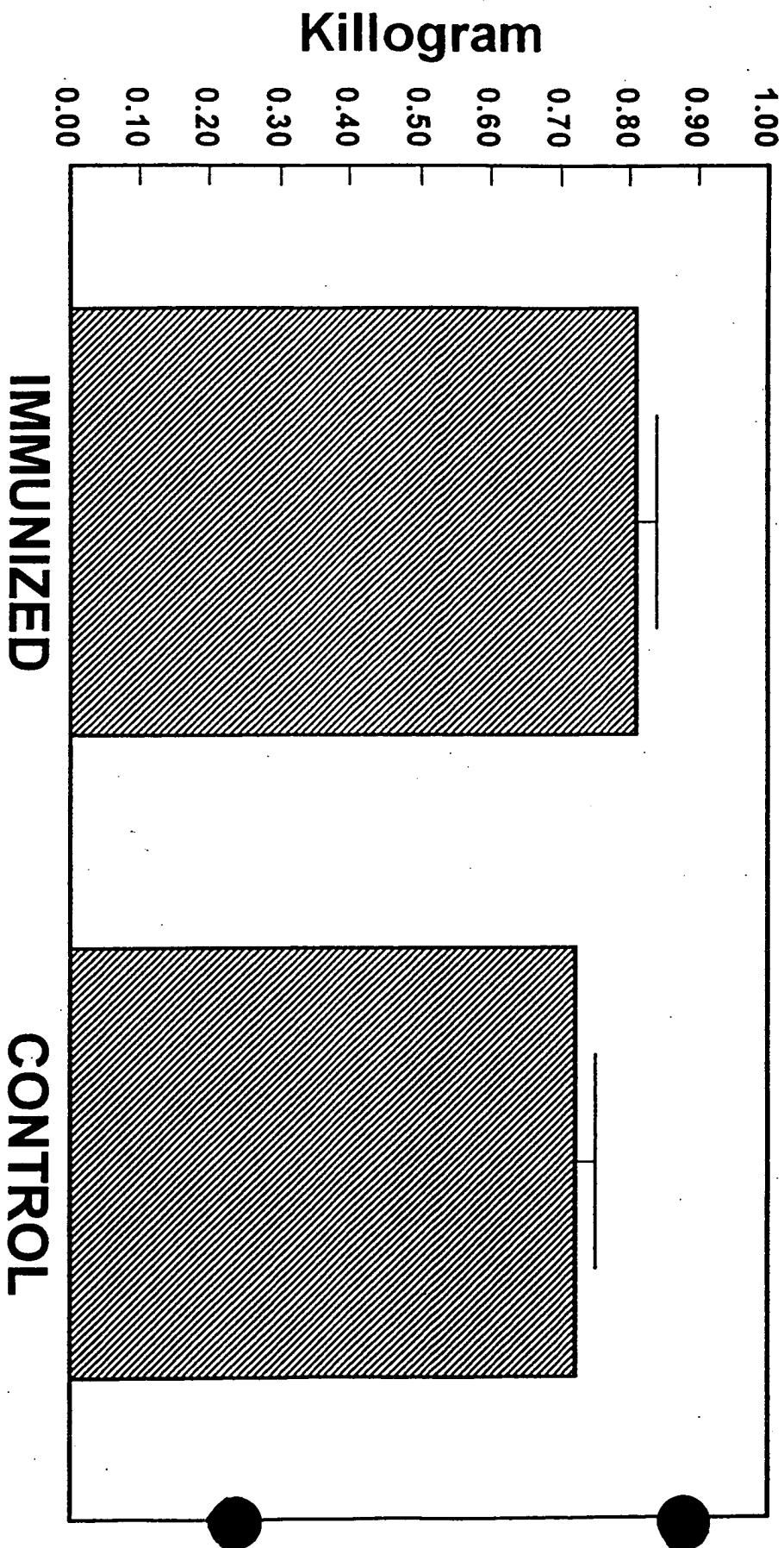


FIG. 9

Figure 10 shows the abdominal fat weight in grams for immunized and control groups.

# Abdominal Fat Weight

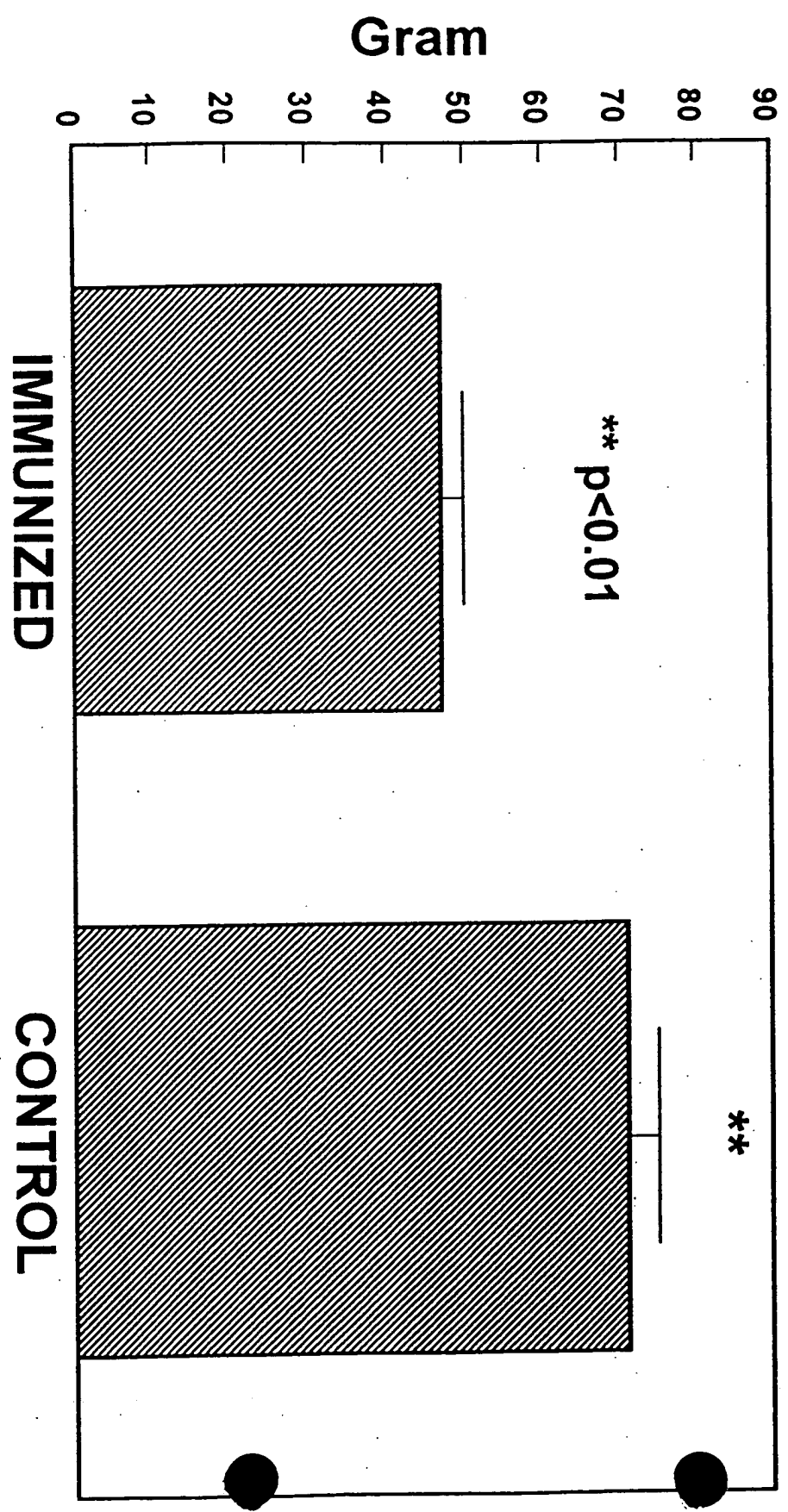


FIG. 10

Figure 11 shows the gut weight of immunized and control groups. The immunized group shows a significantly lower gut weight compared to the control group.

# Gut Weight

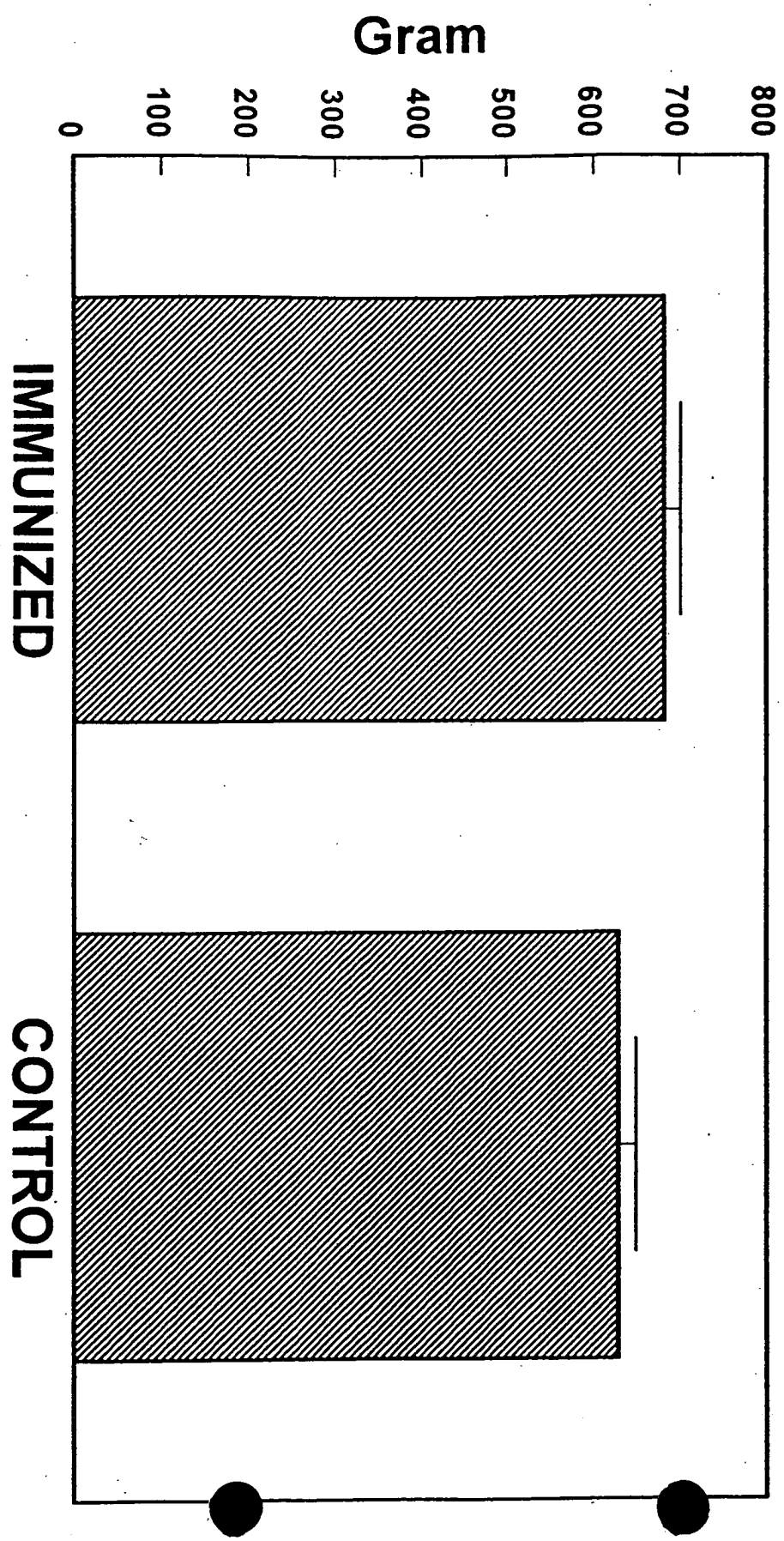


FIG. 11

# Heart Weight

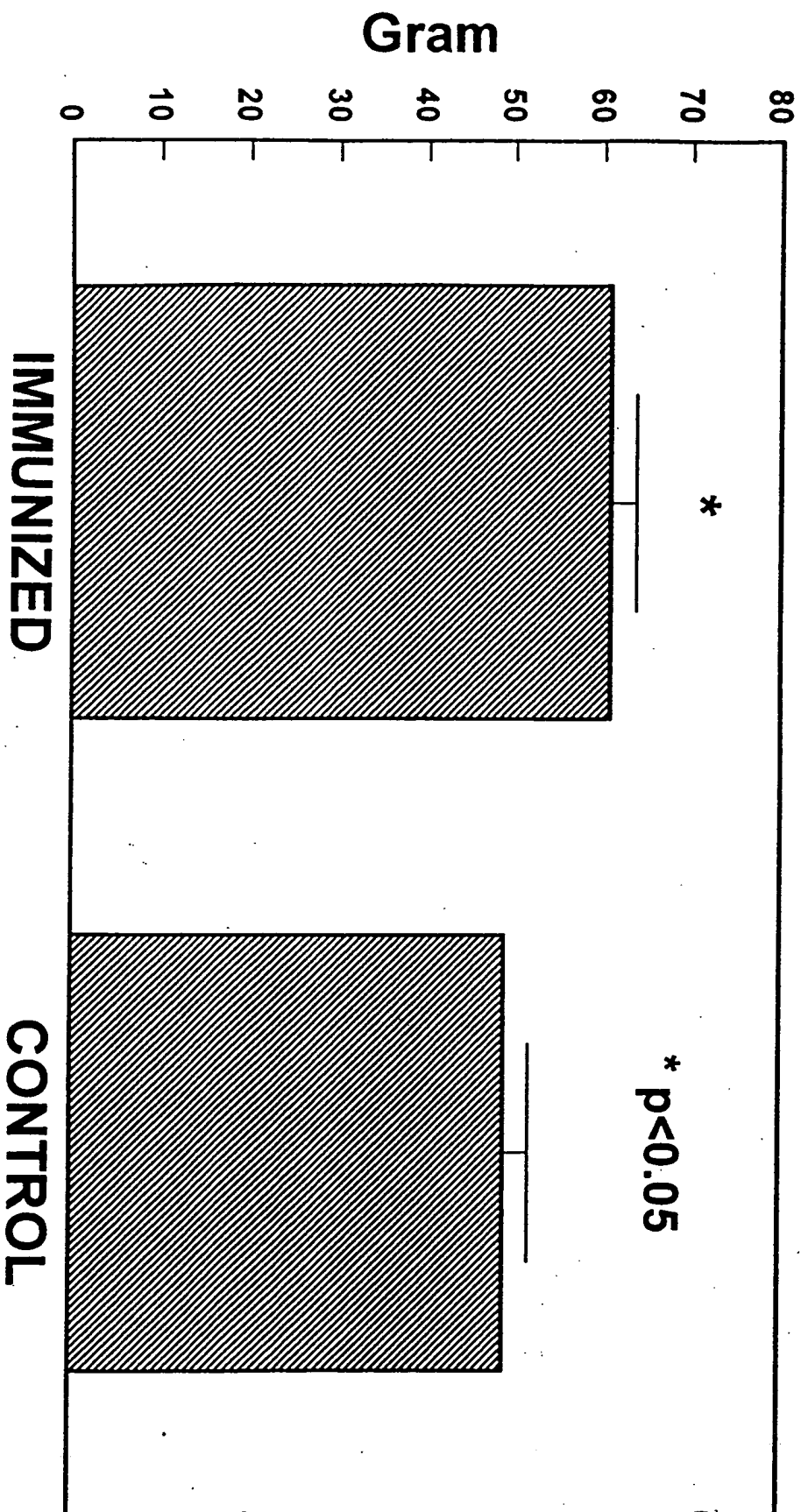


FIG. 12

Figure 13. Liver weight in immunized and control groups.

# Liver Weight

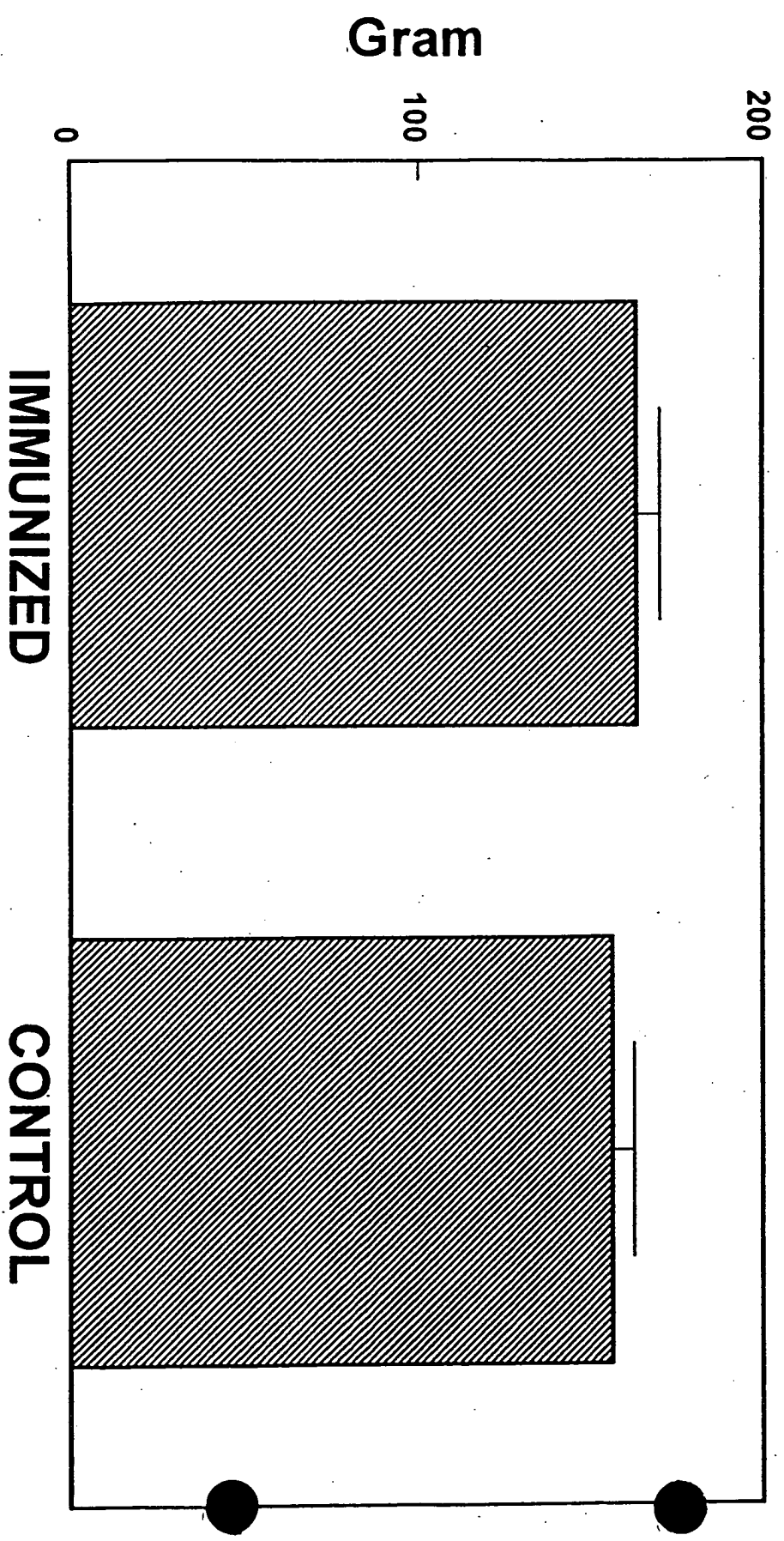


FIG. 13

Figure 14 shows the testis weight of immunized and control rats. The immunized rats have significantly heavier testes than the control rats.

# Testis Weight

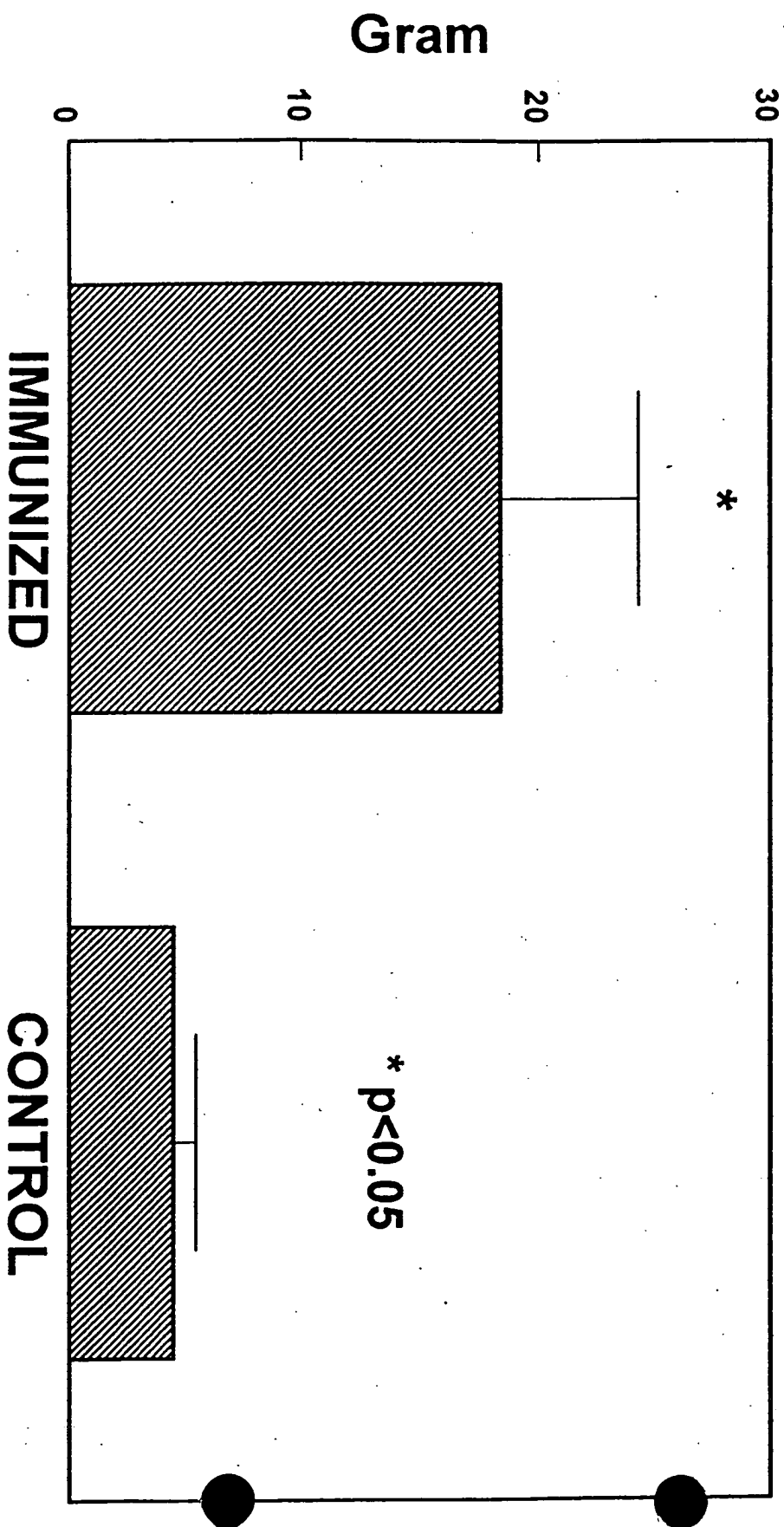


FIG. 14

Figure 16.15: Breast muscle of an immunized mouse compared to a control mouse.

# Breast Muscle (Immunized vs Control)

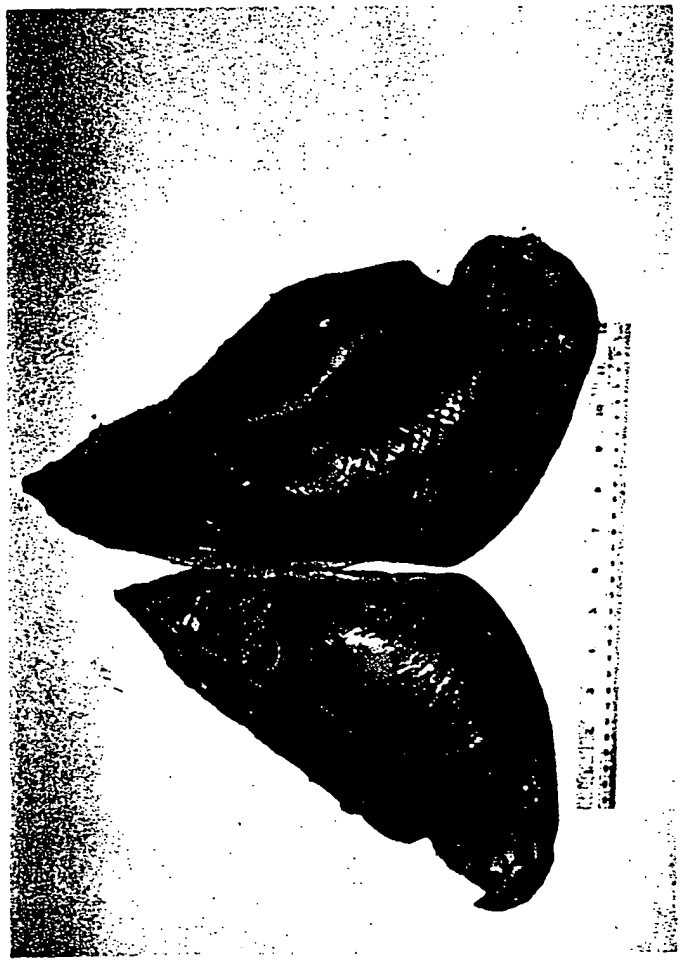


FIG. 15

# Breast (Immunized vs Control)



FIG. 16



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# Thigh Muscle (Immunized vs Control)

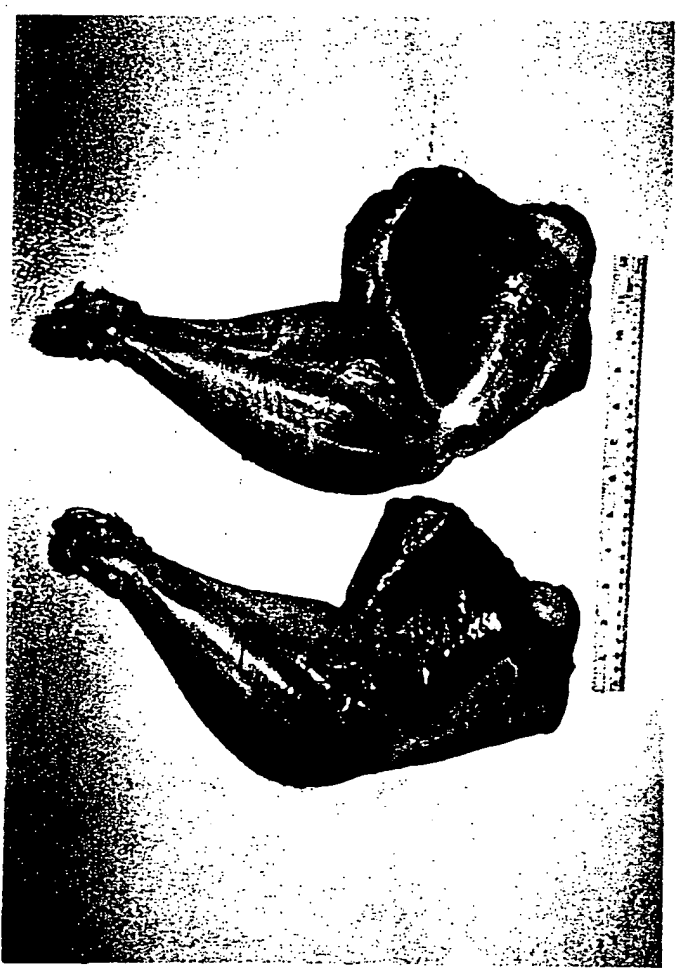


Fig. 17

Figure 18. Immunized vs Control. The figure shows two abdominal fat samples. The left sample is from a control animal and the right sample is from an immunized animal. The immunized sample shows a more irregular, nodular appearance compared to the smoother control sample.

# Abdominal Fat (Immunized vs Control)

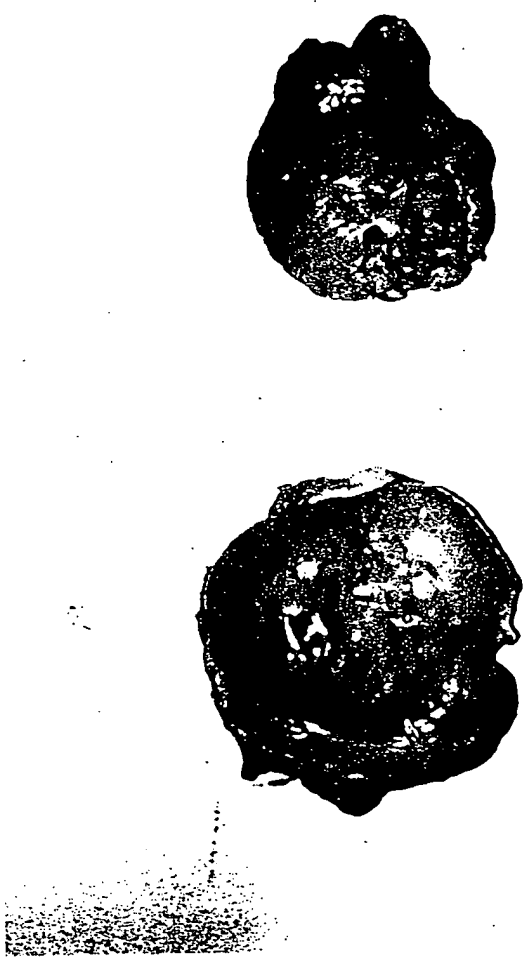


FIG. 18

# Testis

(Immunized vs Control)

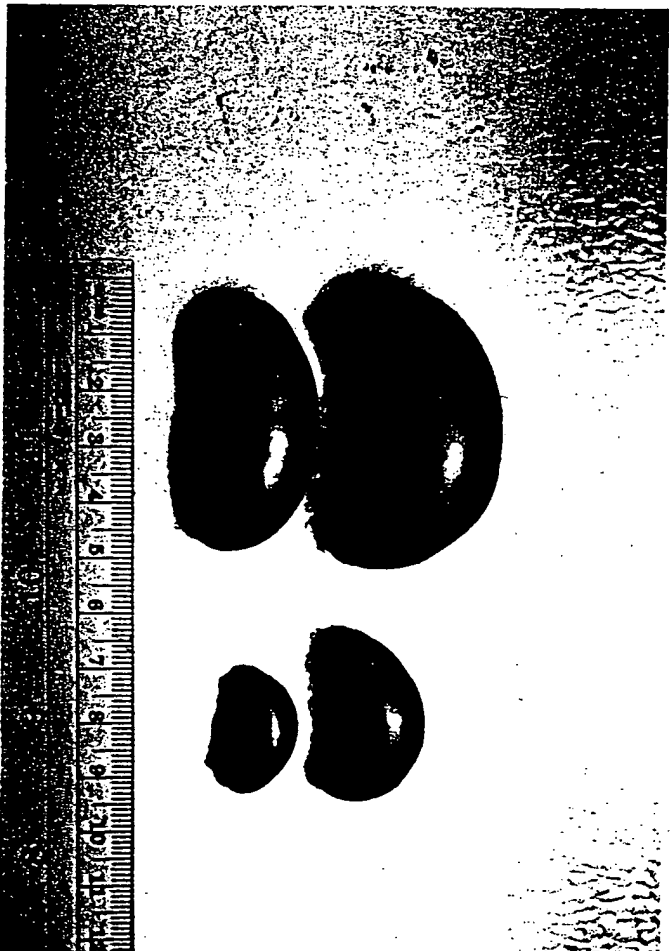


FIG. 19

# Heart

(Immunized vs Control)

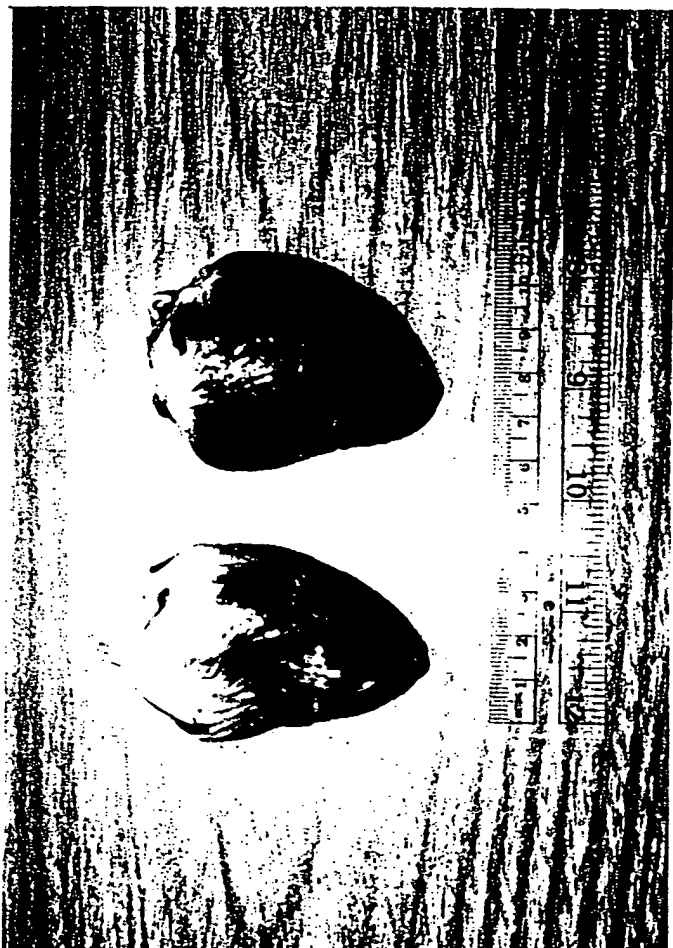


FIG. 20